

## ABSTRACT OF THE DISCLOSURE

A method of reducing the photoelectric device leakage current caused by residual metal ions in conjugated polymer. A chelating agent is added to a conjugated polymer material, thereby the conductivity and mobility of metal ions under an electric field are reduced due to the chelation of metal ions by the chelating agent; therefore, the leakage current is reduced and the stability of devices is improved. Furthermore, the activity of metal ions is reduced after the metal ions are chelated by the chelating agent, improving the stability of the material and the devices. A conjugated polymer composition is also provided.